

CHENBRO

LED Board

80H03324101A0

User's Manual

Ver. 1.0

Sep / 15 / 2012

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Technical Support

Chenbro works hard to offer our customers maximum performance from our chassis. But in case you have any problem with our product you can find supports from the following resources.

Web Support

Detail information of our products is in our website. You can find technical updates, installation guides, FAQs, technical specifications and more. Our web address is: www.chenbro.com.

Email Support

You can also fill out the technical support form at our [Technical Support](#) page. Your technical issue inquiries will be sent directly to our support professionals.

Phone Support

You can also contact Chenbro HQ or branch office for immediate support; contact information is as following:

Chenbro HQ	Chenbro Europe B.V.	Chenbro Micom (USA) Inc.
Tel: 886-2-8226-5500	Tel: 31-40-295-2045	Tel: 1-909-947-3200
Fax: 886-2-8226-5423	Fax: 31-40-295-2044	Fax : 1-909-947-4300
Chenbro UK LTD	Chenbro China Office	
Tel: 44-(0)161-425-5341	Tel: 86 010-6709-1786	
	Fax: 86 010-8791-0567	

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Revision History

Date	Modifications
Sep / 15 / 2012	● First release (V1.0)

LED Board Specification

P/N : 80H03324101A0 (Version A0)

Specification	
Display	LED indicates status HDD LED – Yellow (When HDD is busy) Power LED – Blue (When power on) LAN1 、LAN2 LED – Green (When internet is busy)
Connectors	1. Pin header 2.0mm (2x7) *1 2. Pin header 2.54mm (2x5) *1
Dimension	82 (L) x 30 (W) x 1.6 (H) mm
Material	FR4 2 layer

Accommodation Chassis

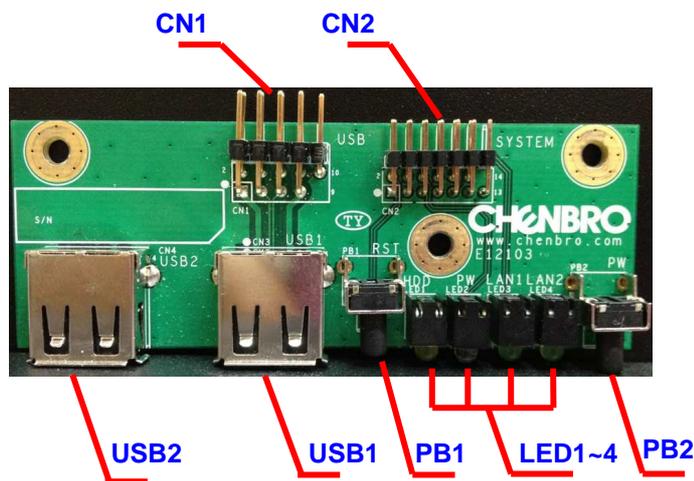
- **RM13604, RM23608, RM24100, RM24200**

Remarks: Model number are subjected to be changed without notice

LED Board Layout

Backplane Connectors

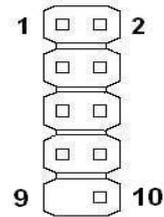
Front View



Components	Description	Function
CN1	9 pin header USB connector	Connecting to M/B (USB1 & USB 2)
CN1	13 pin header System connector	Connecting to M/B (Power SW, Reset SW, GND, Power LED, HDD LED, LAN 1 & LAN 2)
LED1	HDD LED	Yellow indicator during the HDD access stage
LED2	Power LED	Blue indicator during the power on stage
LED3	LAN 1 LED	Green indicator during the network activity
LED4	LAN 2 LED	Green indicator during the network activity
PB1	Power Switch	Push button for system power on
PB1	Reset Switch	Push button for system reset
PB2	Power Switch	Push button for system power on

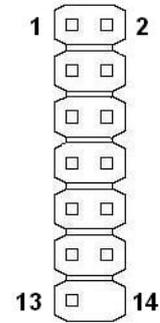
USB Connector (CN1)

Pin NO.	Descriptions	Pin NO.	Descriptions
1	USB1 POWER	2	USB2 POWER
3	USB1 DATA -	4	USB2 DATA -
5	USB1 DATA +	6	USB2 DATA +
7	USB1 GND	8	USB2 GND
9	KEY PIN	10	NC



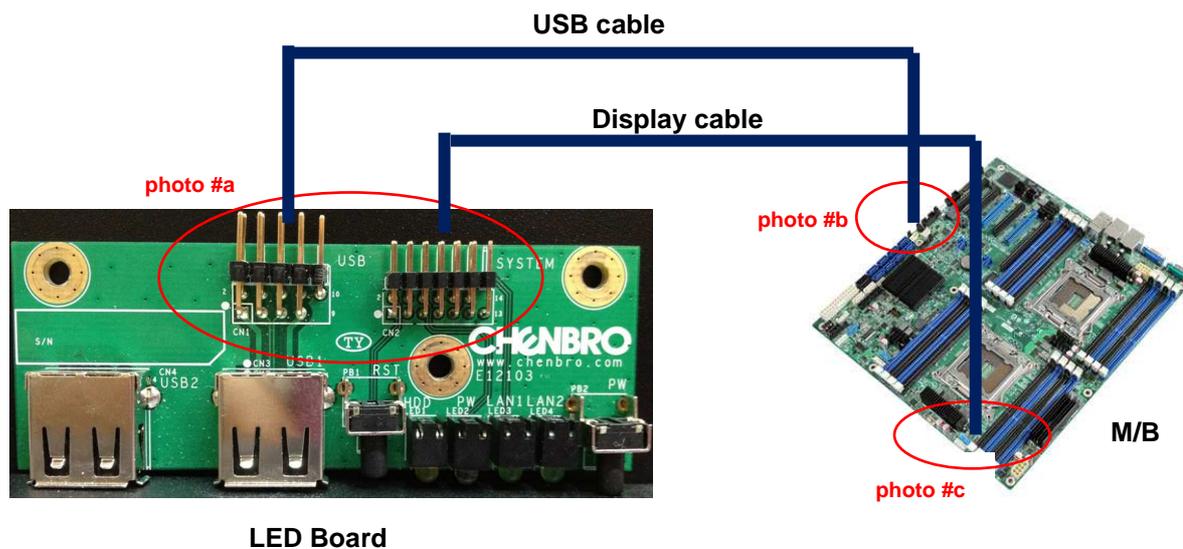
SYSTEM Connector (CN2)

Pin NO.	Descriptions	Pin NO.	Descriptions
1	RESET SW +	2	RESET SW -
3	POWER SW +	4	POWER SW -
5	POWER LED +	6	POWER LED -
7	HDD LED +	8	HDD LED -
9	LAN1 LED +	10	LAN1 LED -
11	LAN2 LED +	12	LAN2 LED -
13	NC	14	KEY PIN



LED Board Wiring

Through Chenbro providing USB cable (26H033219-001) and Display cable (26H11324101A0) to make 3 boards connection (LED board, B/P & M/B) as below drawing showing.



Remarks: P/N are subjected to be changed without notice



photo #a



photo #b



photo #c